

Snowdonia National Park

Forecast valid from 06:00 on Wednesday 30 Dec 2020 until 23:59 on Thursday 31 Dec 2020

Forecast Issued on Wednesday 30 Dec 2020 at 01:41

Confidence: High for generally cold northerly or northeasterly airstream continuing into the New Year but lower with regard to details regarding showers and any longer spells of snow, especially on Thursday.

Headline for Wednesday 30 Dec 2020: Rather cloudy with snow showers. Drier and brighter across south and east. Cold with northwesterly winds.

Mountain weather hazards on Wednesday 30 Dec 2020

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

Low Likelihood

Heavy Snow

Medium Likelihood

Severe chill effect

Medium Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Medium Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Heavy snow showers (night)	Light snow	Heavy snow showers	Heavy snow showers	Heavy snow showers (night)	Heavy snow showers (night)
Precipitation probability					
30%	30%	30%	30%	30%	20%

Forecast for Wednesday 30 Dec 2020

Weather: Bright or sunny spells and occasional snow showers. The showers will be most frequent and perhaps occasionally heavy with hail, across the north and west of the area, with southern and eastern parts largely dry. The showers might become rather more frequent towards midnight.

Chance of cloud free mountain/hill tops above 800m: Around 40% across northern and western parts with occasional or periods of cloud above 600m but nearer 75% in the south and east with cloud more occasional above 750m.

Visibility: Very good, falling to just a few kilometres in any snow showers and perhaps less than a kilometre in heavier showers in the north and west.

Forecast for Wednesday 30 Dec 2020

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	19/23 NW	15/18 NW	13/16 NW	14/18 NW	14/17 N	15/18 NW	17/21 NW
600	11/14 NW	7/10 NW	7/10 W	8/11 N	6/9 N	8/11 NW	10/13 NW
300	7/12 NW	4/8 NW	3/6 W	5/8 N	3/7 NW	4/8 NW	4/9 NW
Valley	7/12 NW	4/8 NW	4/8 W	5/10 N	3/7 NW	4/9 NW	5/10 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-3/-10	-3/-9	-3/-9	-3/-9	-4/-10	-4/-10	-4/-11
600	-1/-6	-1/-5	-1/-4	-1/-5	-2/-5	-2/-6	-2/-7
300	1/-3	0/-2	1/-0	1/-2	-0/-2	-1/-3	-1/-3
Valley	2/-1	2/-0	3/1	2/-0	1/-0	1/-1	1/-2
Freezing Level*	400m	300m	400m	400m	300m	300m	300m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Valley temperatures in south and west close to zero or minus 1 Celsius at dawn. Significant chill at all levels throughout.

Forecast for Thursday 31 Dec 2020

Weather: Rather cloudy with snow showers or, especially in the north, some longer spells of, perhaps occasionally heavy, snow through the early hours. Then a mostly cloudy day with further showers, especially across northern and eastern parts, the snow turning increasingly to rain below about 600m in the afternoon. Best of any brighter or sunnier spells in the southwest.

Maximum wind: Northerly 15mph.

Chance of cloud free mountain/hill tops above 800m: Little chance across the north and east for most with periods or persistent cloud above 450m and patches below, but nearer 60% in the southwest with cloud here more occasional above 600m.

Visibility: Good or very good falling to a few kilometres in snow and snow showers and less than a kilometre in any heavier snow.

Temperature: **Valleys:** Minus 1 rising to plus 4 Celsius by day
At 800m: Minus 5 Celsius rising to minus 2 Celsius during the afternoon
Freezing level: Gradually rising to 750m by mid-afternoon

Ground Conditions Supplement

Area - Snowdon

Date - **29 December 2020**

Time - **11.30am**

Snow Above - **350 metres**

Report By - **Snowdon Warden**

Route Taken

PYG track

Conditions

- Depth of snow increases with altitude.
- Paths difficult to follow.
- Steep bank of snow at top of path.
- Sections of ice on paths.

Essential Kit

The following is a list of additional kit required based on the current conditions.

- Standard winter kit required.
- Ice axe and crampons essential.

Additional Information

Nil.

Issued at: 01:41 on Wed 30 Dec 2020